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OF THE UNITED S	TATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVE-	THIS IS UN	EVALUATED INFORMATION
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25 YEAR RE-REVIEW CLASSIFICATION SECRET/SECURITY INFORMATION

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	25X1
3.	
	NII VVS consists of several affiliated installations,
	all of which are located in the Moscow area. The main office or directorate is located at Ovramenskoye airfield about 60 or 70 kilometers due
	east of Moscow not absolutely certain of the name but am positive of the
	approximate distance and direction.
, .	
4.	in approximately 1940, a project was initiated for 25X1
	the development of a radio controlled pilotless aircraft. The aircraft used
	for this project was a new bomber-type design about the size of a C-17 with
	provisions for both piloted and radio control flight. The general configuration and other descriptive details of the airplane were not known. The aircraft
	Was radio controlled from a ground station, and the operating range of the
	radio equipment was about 150 kilometers.
	reached during tests, and may have even been extended beyond that distance since the aircraft was demolished in late 1940 by a crash that occurred 220
	to 200 kilometers from the ground station. This project was cancelled at the
	outbreak of World War II because of higher priority work on other equipment.
5.	25X1
	one identifying component of the radio ground equipment was a large radio
	tube as high as a tall man. The tube was estimated to be 25 meters high and
	1½ meters in diameter. In 1944, at Chkalovskaya airfield, about 25X1 35 kilometers NE of Moscow, pointed out the building which
	had contained the ground radio equipment used for those radio control
	The died was under guard at that time.
	the equipment was still inside. The NII affiliate responsible for testing the radio controlled aircraft was located at this field.
" 2	
5.	project was reactivated after World War II, with the main 25X1 emphasis on the extension of radio control range.
	THE SECOND FOR CHARGE OF TAGES CONTROL PARPER
7	During the contract of 3010
0.	During the early part of 1949 a lecture given by Engineer Captain Leonid Shulman, middle name unknown, on the subject of guided projectiles and
	Domoso The Lecture was given at brandenhurge industribation company to
	command and stall officers of the division for information and educational
	purposes. The lecture consisted of three parts, an introduction consisting of missile background information; the theory of application of guided weapons;
	and a description of the various types of equipment and methods and
	Torror office bit lectifies and nombs. Engineer Contain Shulman at the state of the
	the past, German scientists had been working on guided weapons at the same time as Soviet scientists, and at one time were somewhat more advanced in this field,
	replacement the latest innovations in the guided missile field and was of Soviet
	claims of a 25X1
	and all-to-Surface guided Weapons were discussed gings gurface to announced
	but accomposite types were not the responsibility of the Air Ferrer
	the v-1 and v-2 surface-to-surface types were included in the background
	the German air-to-air missile, the X-1, were mentioned. There were and
	to surface-to-air types.

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	~3~		25X′
8.	the air-to-air missile portion of the lecture than one type of guided projectile. These projectiles could be flight; had no wire link between the missile and launching airc pyrotechnic charge for the initial launching to give them a greathe carrier aircraft.	guided in craft; and had a ater speed than	
	these projectiles operated on the same principle as the rocket, were equipped with a combination contact and time fuze, head. In the event the projectile missed the garget, the time tonate the warhead before the missile reached the ground. The radar head was not known. The pilot of the launching aircraft details unknown, with which he could observe both the weapon an and thereby direct the course of the projectile. The guidance visual type, and could not be used at night unless the target we by search-lights. The status of these missiles was not given, they could have been in a design study stage, available quantities, or at any phase in between.	e "Katyusha" and had a rada fuze would de- purpose of the had an instrume dd the target, system was a ras illuminated and	ent,
9.	The guided bomb-type of air-to-surface missile was also discuss more than one was described. All of the types dissame basic design, the major difference was in the size, and the minor configuration changes in each case. These differences appeared to the type of aircraft; ie, fighter, ground attack, that was to carry the bomb. These guided bombs were equipped whead, which was a part of a radar control link. However, the find the head was not known. These bombs might be used with the bombsight, but additional radar equipment was required of the bomb. The use of this bomb at night would type of illumination for the target. The guided bombs were equipped whead, which was a part of a radar control link. However, the find the bombs might be used with the bombsight, but additional radar equipment was required of the bomb. The guided bomb at a given altitude.	cussed had the ere were some appeared to be or bomber, with a radar functional operation of for the control of require some are in the ee, called a chat set off	2∞
11.	same size as the standard FAB-250 aircraft bomb. This bomb is 85" long and 20" in diameter. The size was not indicative of the weight of the guided bomb may have varied considerably from 250. no details on the control surfaces other than	the weight, and that of the FA they were of a bomb had no the bombsight 2	25 X 1